

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



## Situation Awareness Brief



Sunday, January 21<sup>st</sup> 2018  
As of 0900 CST

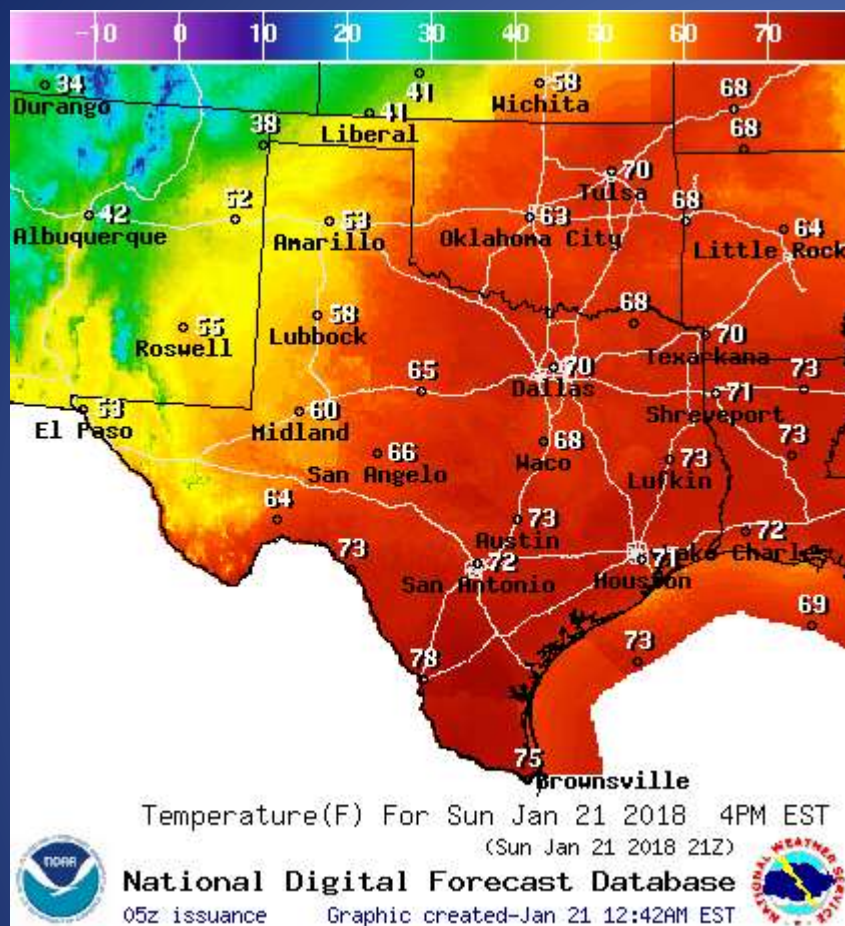
# Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
01/20/18	Initial Report of a Water Outage	Rusk County	N
01/20/18	Initial Report of an Oil Spill	Galveston County	N
01/20/18	Final Report of a Water Outage	Rusk County	Y
01/21/18	Silver Alert Continuation for Parmer County Sheriff's Office	Parmer County	N

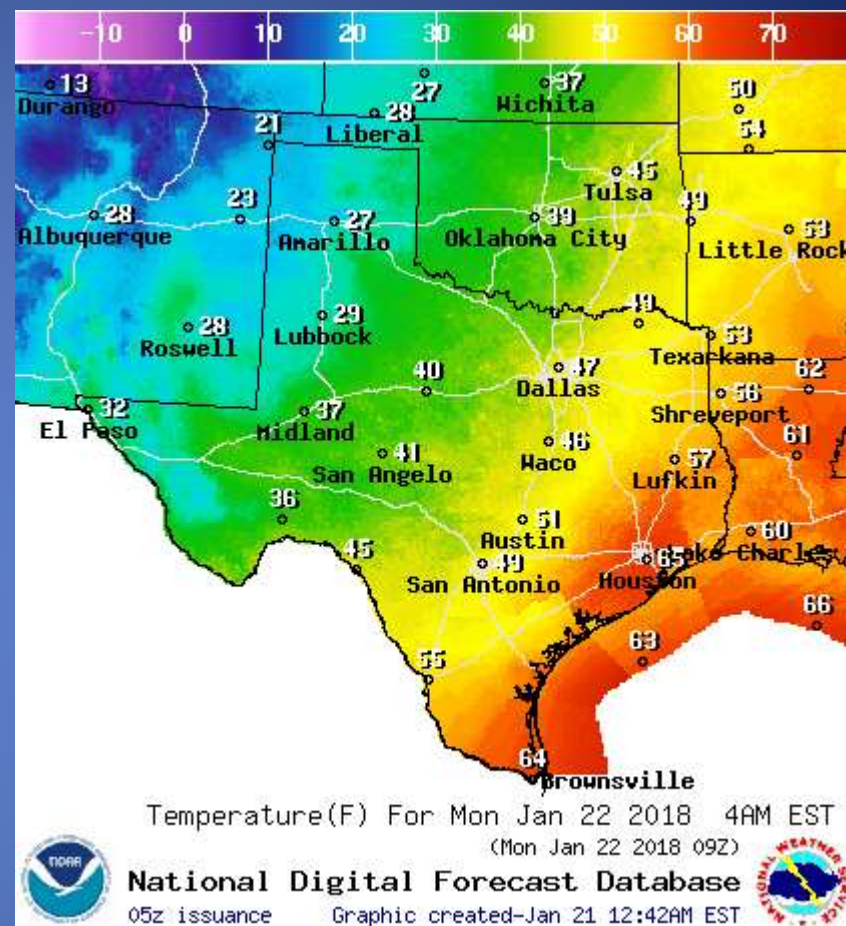
## Informational Products Distributed by the State Operations Center

DATE	SUBJECT
01/20/18	FEMA Region 6 RRCC Daily Situational Awareness Report
01/21/18	NWS Shreveport - Severe Weather Late this Afternoon and Tonight
01/21/18	NWS Houston/Galveston - Hazardous Weather Outlook Tonight & Monday
01/21/18	Daily NWS Threat Brief for Sunday, January 21, 2018 for FEMA Region 6

# Weather Forecast



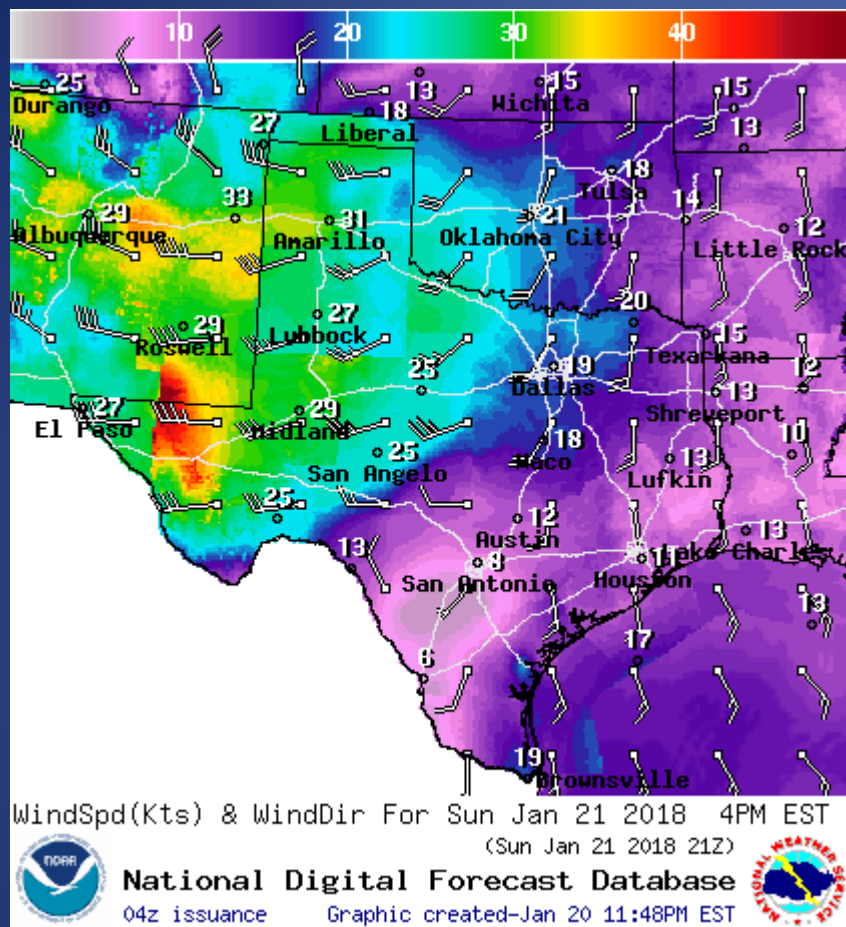
Highs



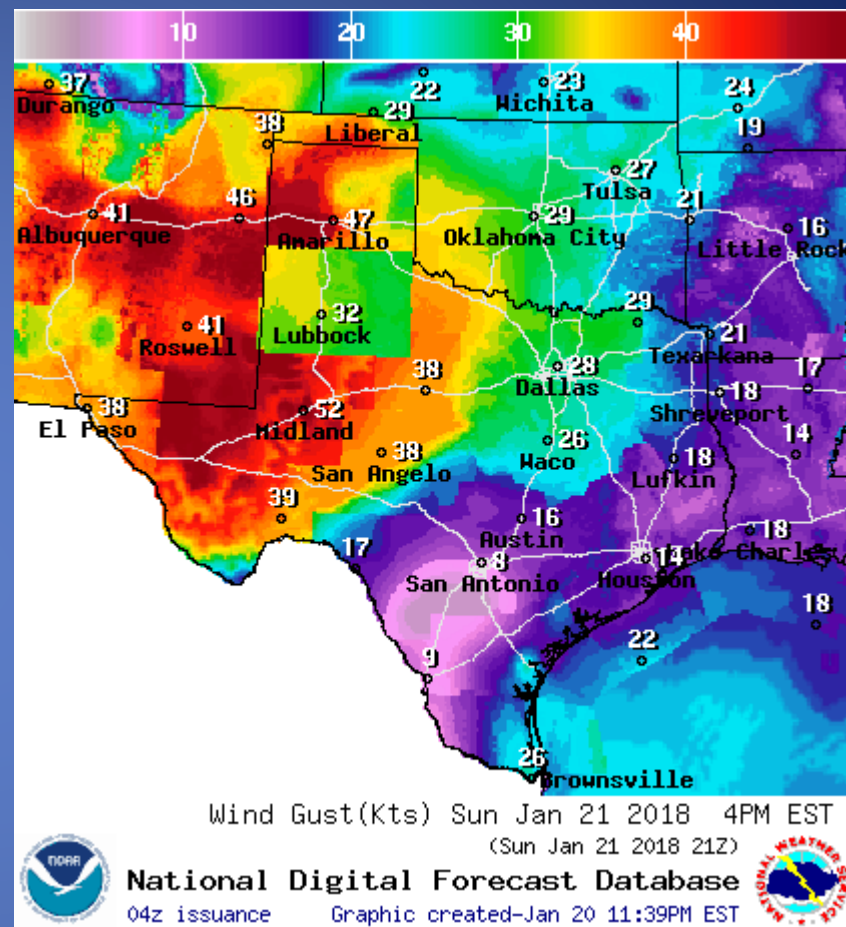
Lows



# Weather Forecast



## Wind Speeds



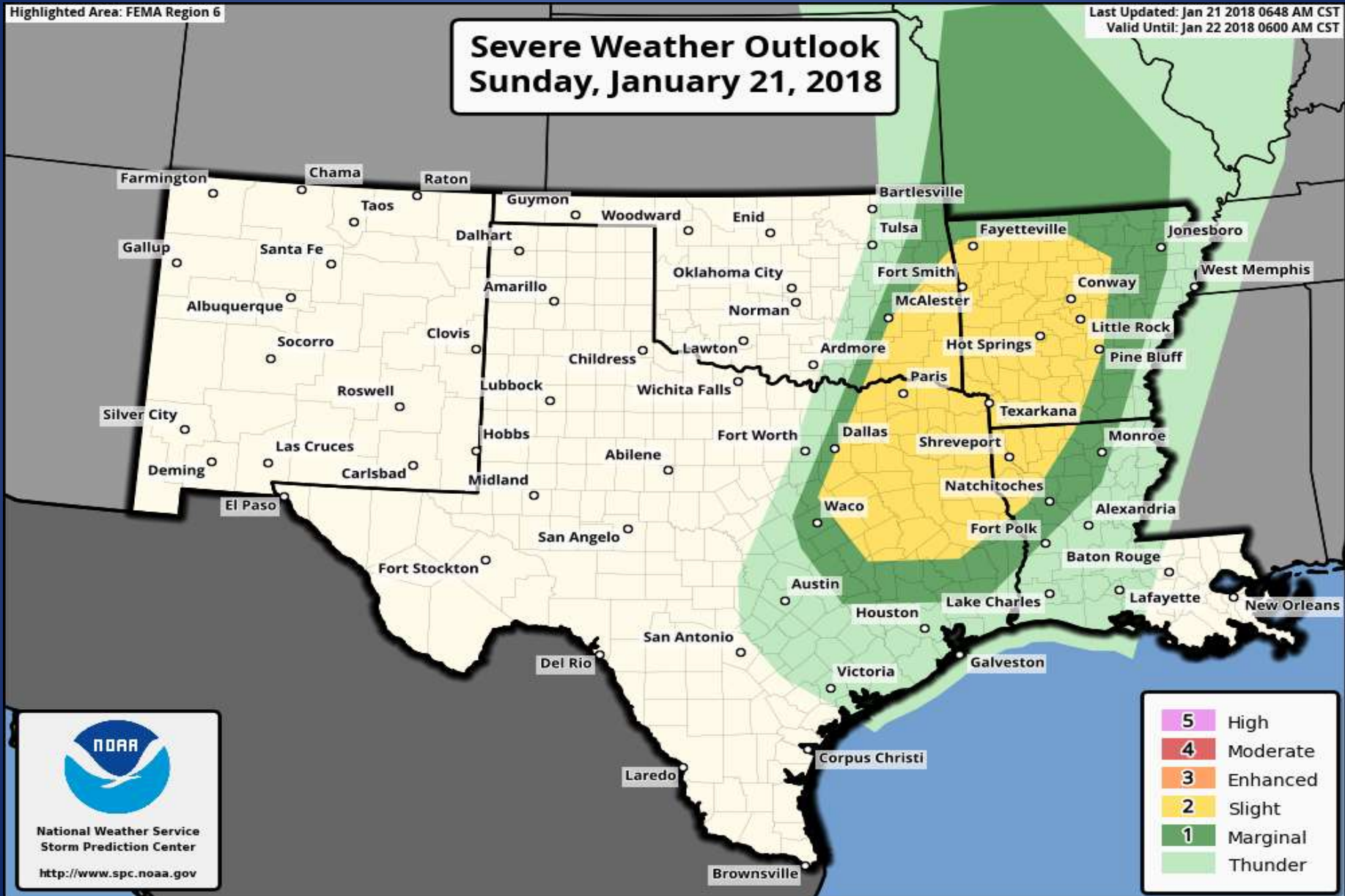
## Gusts

# Hazardous Weather

Highlighted Area: FEMA Region 6

## Severe Weather Outlook Sunday, January 21, 2018

Last Updated: Jan 21 2018 0648 AM CST  
Valid Until: Jan 22 2018 0600 AM CST



National Weather Service  
Storm Prediction Center

<http://www.spc.noaa.gov>

- |   |          |
|---|----------|
| 5 | High     |
| 4 | Moderate |
| 3 | Enhanced |
| 2 | Slight   |
| 1 | Marginal |
|   | Thunder  |




# Hazardous Weather

## Red Flag Warning 12 PM Until 8 PM

- 12 PM to 8 PM today
- Southwest & west 25 to 35 mph with gusts to 50 mph RH 10 to 15 percent
- Fires that develop will likely spread rapidly. Outdoor burning is strongly discouraged.



 National Weather Service - Amarillo

Issued: 1/21/2018 4:31 AM

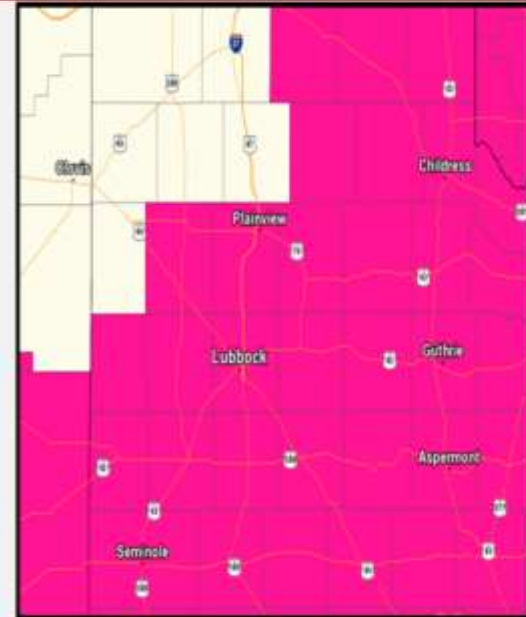


Strong wind speeds 25 to 35 mph with gusts to 50 mph or greater combined with low relative humidity values of 10 to 20 percent will warrant a Red Flag Warning for critical fire weather conditions from midday today through this evening across the eastern and south central Texas Panhandle.

## Red Flag Warning

National Weather Service - Lubbock, Texas

Counties included in the Warning are shaded in pink



- Avoid anything that could cause a spark
- Report fires immediately to 911

[www.weather.gov/lubbock](http://www.weather.gov/lubbock)

### Timing

12 pm to 6 pm  
Sunday January 21, 2018

### Conditions

- RH: Between 10% and 15%
- Winds: 30-45 mph gusts to 60

### Impacts

- Any fires that develop can spread rapidly. Outdoor burning is discouraged.

A strong storm system will move across the central High Plains this afternoon bringing cooler temperatures, strong winds and low relative humidity to the South Plains area. A Red Flag Warning is in effect for the South Plains, Rolling Plains, and extreme southern Panhandle for this afternoon.



# Hazardous Weather

## Critical To Extreme Fire Weather

Weather Forecast Office

Norman, OK



Developing through Sunday Afternoon

Issued Jan 21, 2018 4:10 AM CST

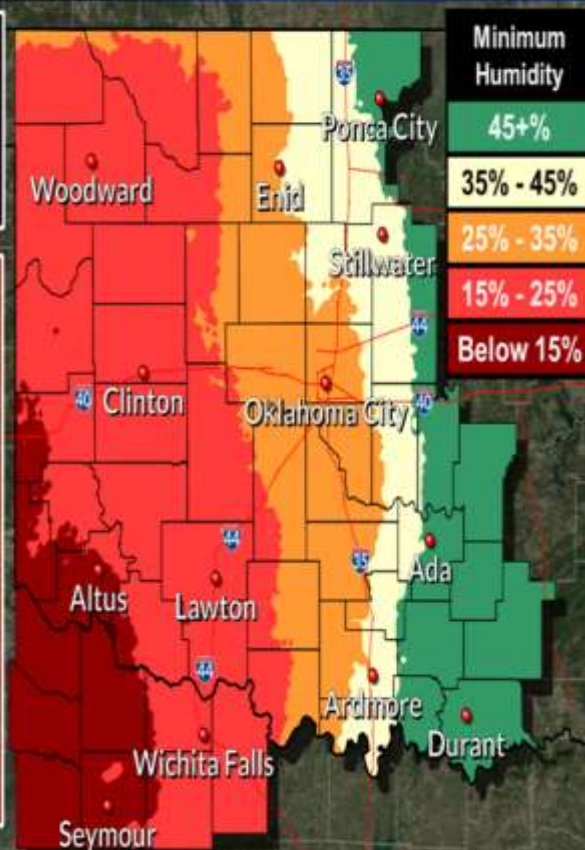
Southwest Winds

Sustained: 20 to 30 mph

Gusts: To 45 mph

### Fire Prevention

- Avoid activities that cause sparks or flame!
- Properly dispose of cigarettes!
- Check trailer chains!
- Don't park cars on grass!
- Obey city/county/state burn bans!



f t NWSNorman

weather.gov/norman

Humidity values are expected to fall below 20% across much of western Oklahoma and western north Texas on Sunday afternoon. The dry conditions combined with strong winds will increase the potential for wildfires on Sunday.

## Red Flag Warning

Weather Forecast Office

Midland/Odessa, TX



Sunday: Noon - 700 PM CST/1100 AM - 600 PM MST

Issued January 20, 2018 2:39 PM CT



f t NWSMidland

weather.gov/maf

Strong westerly winds will affect the forecast area today. The strong winds, and dry conditions and fuels, will result in high fire danger area wide. Any fires that develop will likely spread rapidly and outdoor burning is not recommended.



# Hazardous Weather

## Dangerous Fire Weather Conditions

Sunday, January 21, 2018

**CRITICAL  
FIRE  
WEATHER  
CONDITIONS**

Expected conditions:

- Red Flag Warning: 11am-7pm
- WIND: WEST 20-30mph; GUSTS 30-40 mph
- HUMIDITY: 15-20%
- HAZARD: RAPID EVAPORATION

**ELEVATED  
FIRE  
WEATHER  
CONDITIONS**

Expected conditions:

- WEST 15-25mph; GUSTS 30-35mph
- HUMIDITY: 25-30%



National Weather Service San Angelo, TX

National Weather Service San Angelo, TX Updated: Jan 21 4:29AM

A combination of gusty west winds and low humidity values will lead to dangerous fire weather conditions for much of the area today.



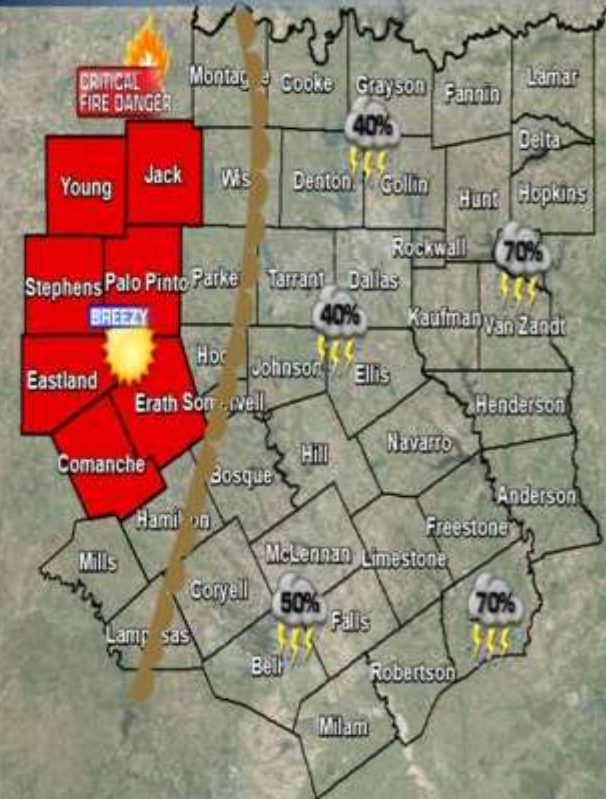
## Fire Danger West Severe Storms Possible East

National Weather Service Fort Worth

East of surging dryline, thunderstorms are expected today. Some of the storms may be strong or severe. Damaging winds will be the primary hazard.



West of the dryline, gusty southwest winds will drop relative humidity values below 25%. A Red Flag Warning covers the seven counties highlighted in red.



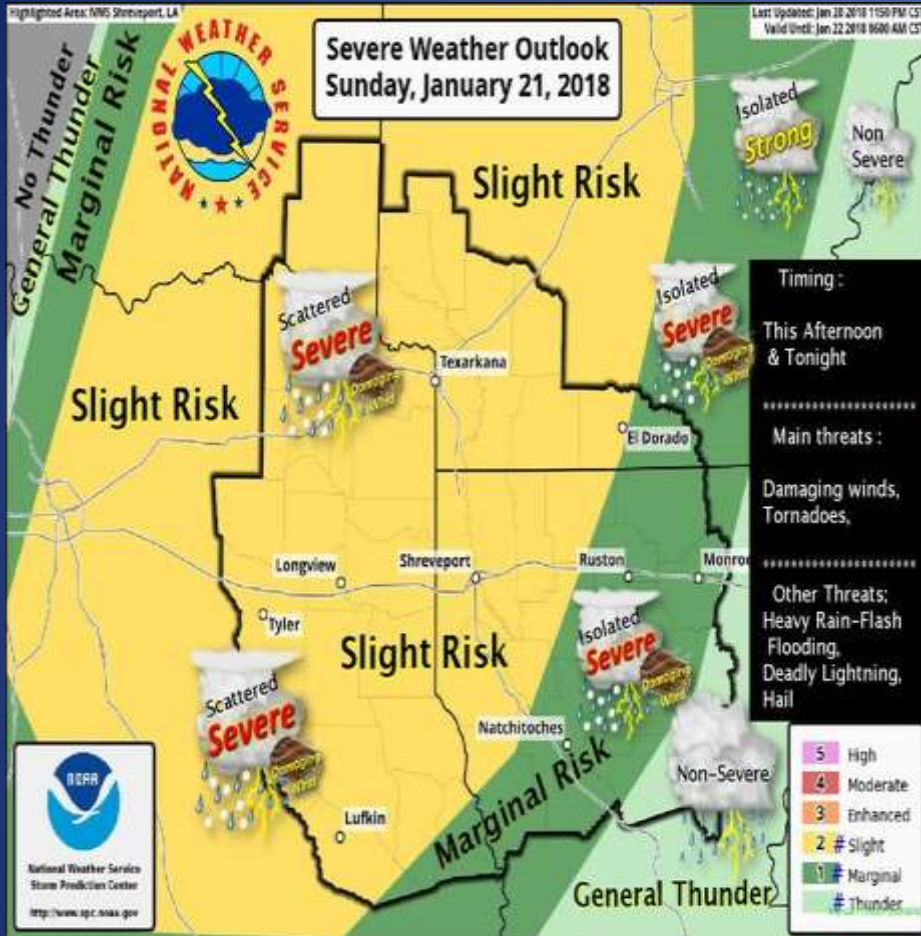
@NWSFortWorth  
weather.gov/FortWorth

703 AM CST  
Sun Jan 21 2018  
National Weather Service  
Fort Worth, TX

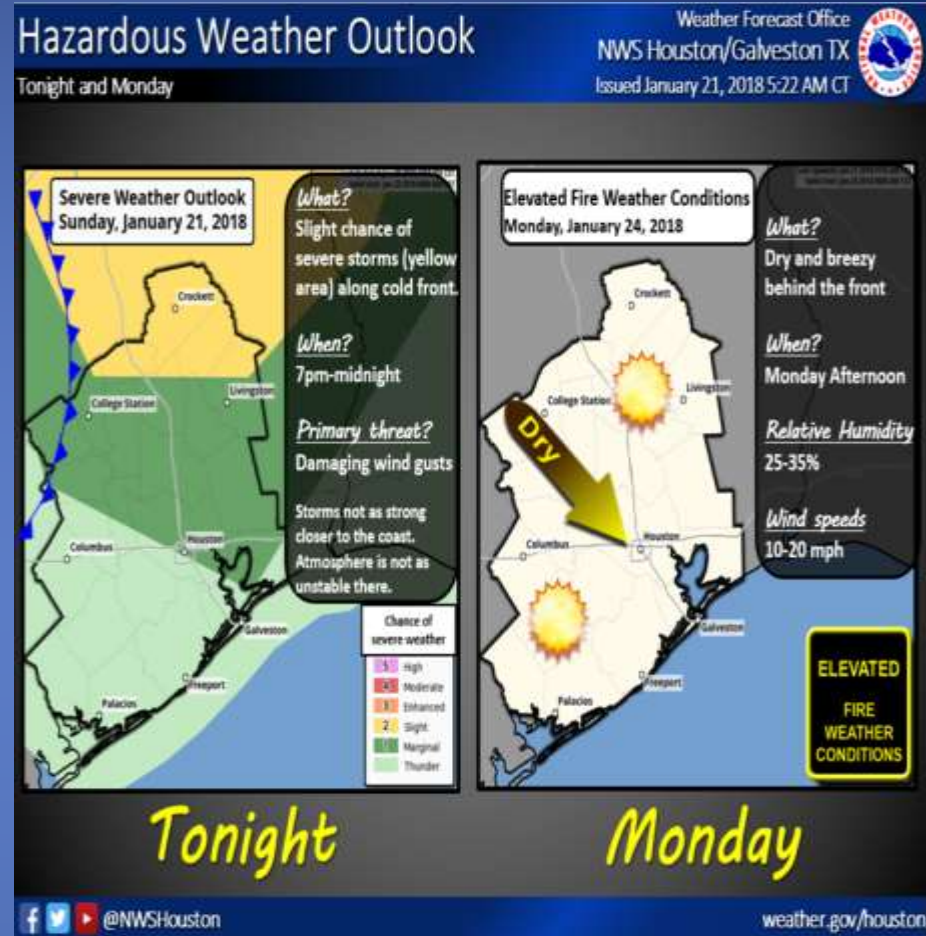
A strong storm system will emerge from the Rockies today, pushing a dry line into North Texas. Showers and thunderstorms will develop along the boundary during the afternoon hours. A few storms could be strong or severe, mainly east of the I-35 corridor. To the west of the dry line, critical fire weather conditions are expected with gusty southwest winds and relative humidity values falling below 25%. A Red Flag Warning covers this area.



# Hazardous Weather



There is a slight risk of severe thunderstorms late this afternoon into tonight across Northeast Texas. Toward late afternoon, erosion of mid-level capping with large-scale ascent ahead of an approaching upper level disturbance that will allow for the development of thunderstorms across parts of Northeast Texas. Strong to severe thunderstorms will be possible along and ahead of a cold front. Main threats will be strong and damaging down-burst winds along with isolated tornadoes. Other threats will be locally heavy rainfall and flash flooding, deadly lightning and to a lesser extent hail.

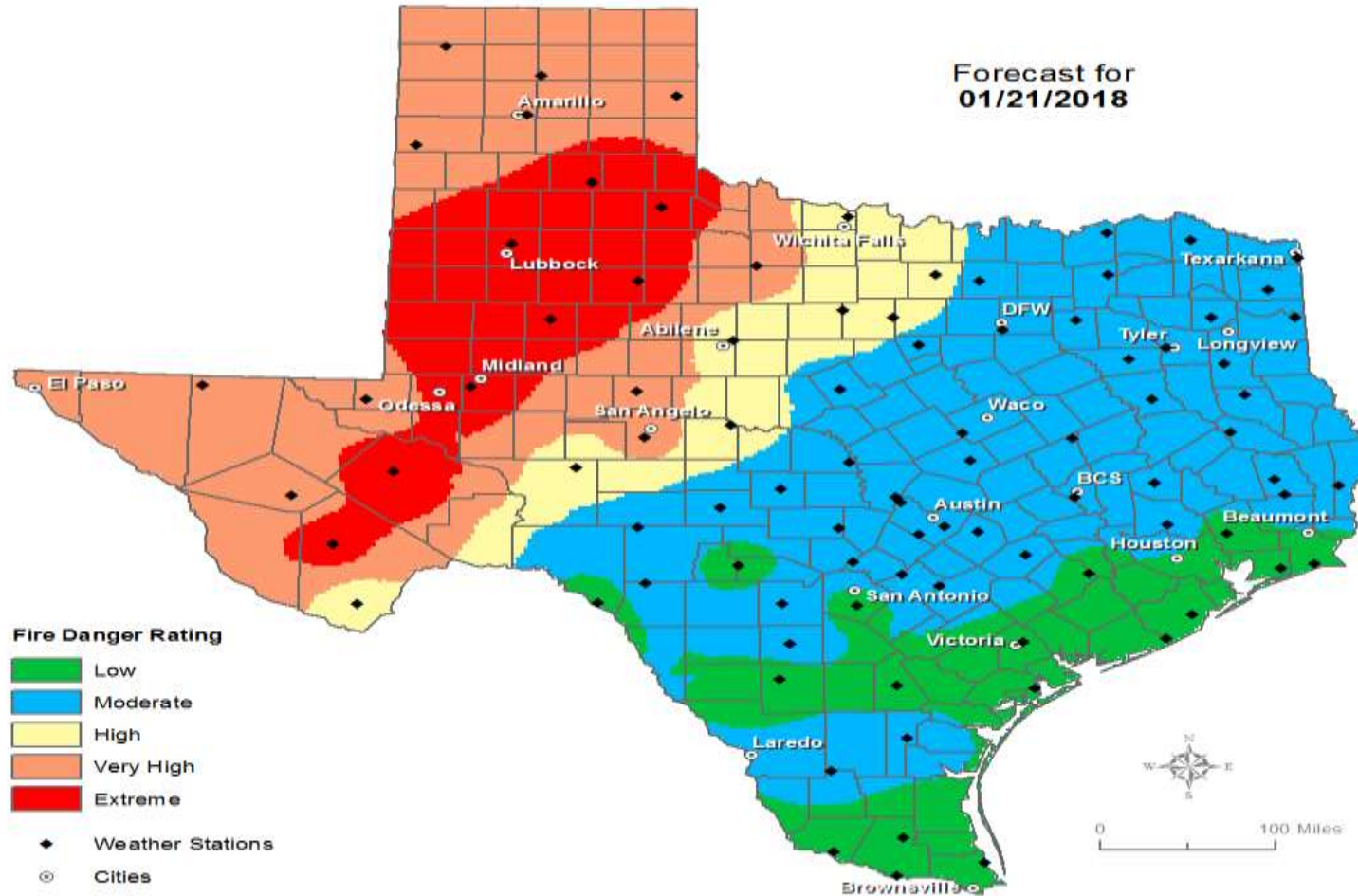


## Hazardous weather outlook.

# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
01/21/2018





# Burn Bans and KBDI INDEX

## OUTDOOR BURN BANS

January 19, 2018



Email updates to:  
burnban@tfs.tamu.edu

### Counties with Burn Bans: 84

Archer  
Armstrong  
Bailey  
Baylor\*  
Brewster  
Brooks  
Callahan  
Cannon  
Childress  
Clay  
Cochran  
Coke  
Coleman  
Collingsworth  
Concho  
Conner  
Coryell  
Cottle  
Crawley  
Culberson  
Dallam  
Deaf Smith  
Dimmit  
Duval  
Eastland  
El Paso  
Erath  
Freestone  
Garza  
Glasscock  
Goliad  
Harris  
Hays  
Hemphill  
Howard  
Hudspeth  
Hutchinson  
Jeff Davis  
Jim Hogg  
Kendall  
Kim  
Kleberg  
Lamb  
Lampasas  
Martin  
McCulloch  
Menard  
Mills  
Montague

\* Burn Ban is in effect on all days of the year.

### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your  
Local County Judge's Office or County Website

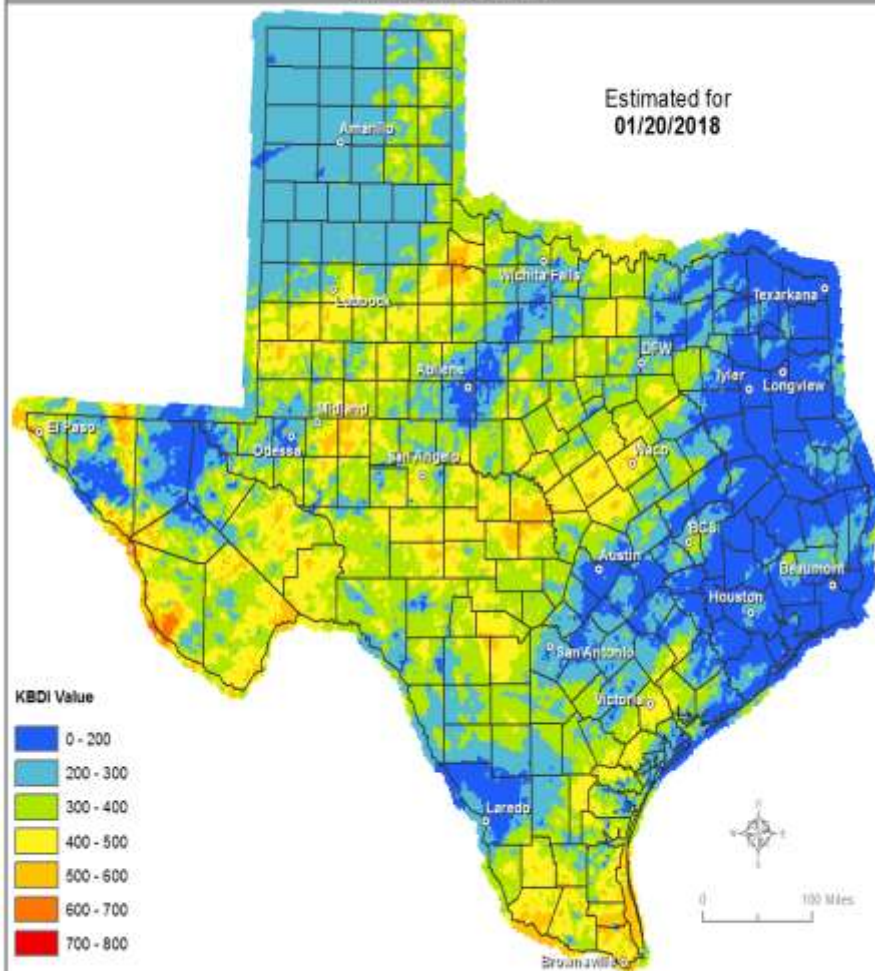
RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

Burn Ban RSS feed available at <http://tfsrpt.tamu.edu/wildfires/BurnBan.xml>

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
01/20/2018



TEXAS A&M  
AGRI LIFE  
RESEARCH

Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE

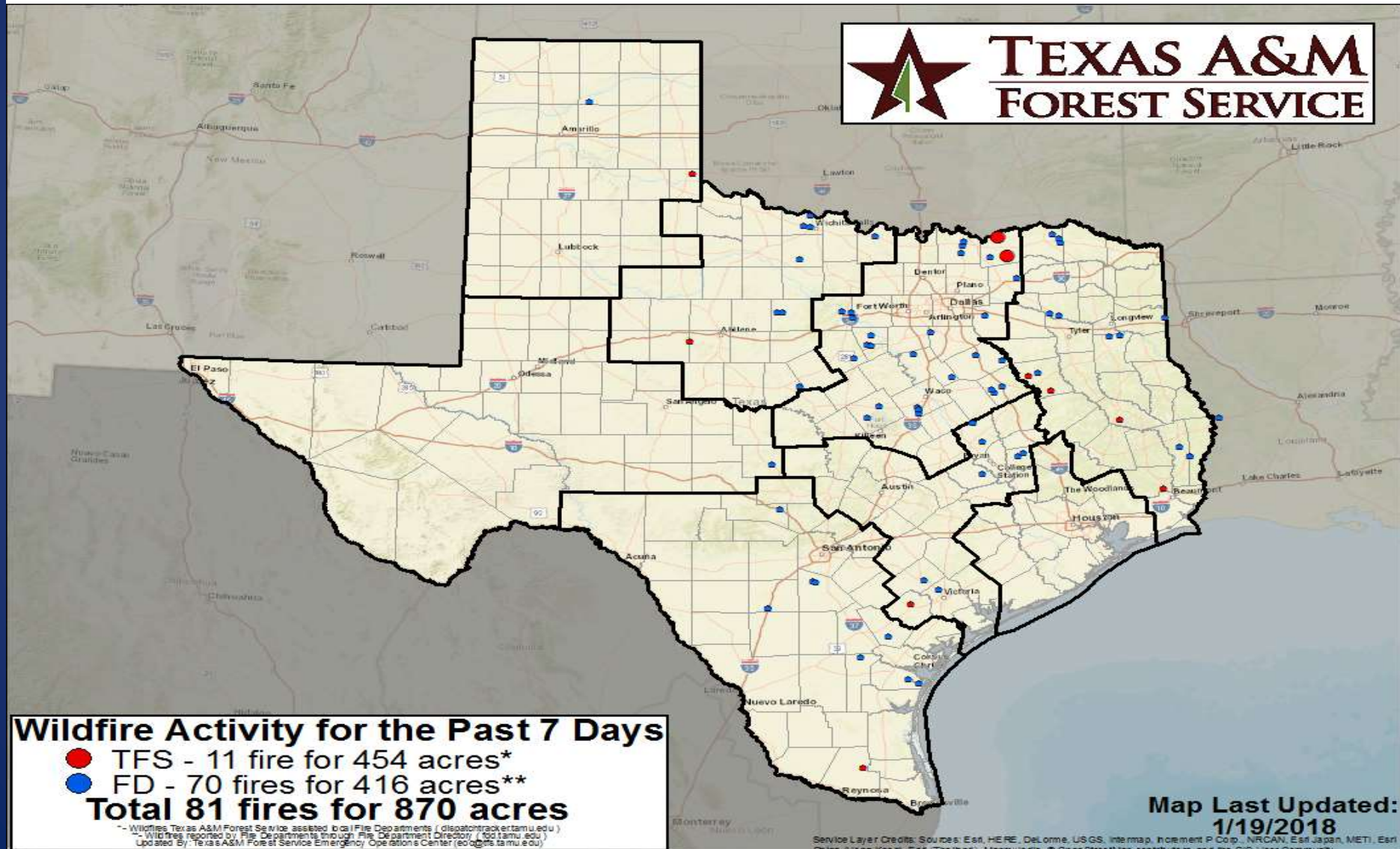
# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
01/20/18	Red Flag Warning	Archer, Armstrong, Andrews, Baylor, Borden, Brown, Callahan, Carson, Clay, Coke, Collingsworth, Coleman, Comanche, Concho, Crane, Crockett, Davis, Dawson, Donley, Eastland, Ector, Erath, Fisher, Ford, Gaines, Glasscock, Gray, Hardeman, Haskell, Hemphill, Howard, Irion, Jack, Jones, Knox, Limpscomb, Loving, Martin, Midland, Mitchell, Nolan, Ochiltree, Palo Pinto, Pecos, Reagan, Reeves, Roberts, Runnels, Scurry, Schleicher, Shackelford, Stephens, Sterling, Taylor, Terrell, Throckmorton, Tom Green, Upton, Van Horn, Ward, Wheeler, Wichita, Wilbarger, Winkler, and Young Counties
01/21/18	High Wind Warning	Bailey, Castro, Cochran, Hale, Hockley, Lamb, Lubbock, Lynn, Parmer, Swisher, Terry and Yoakum Counties
01/21/18	Fire Danger Statement	Brooks, Cameron, Hidalgo, Kenedy and Willacy Counties



# Fire Activity (\*Last 24 Hours)

Reports 48 (no change) fires and 1,653 (no change) acres destroyed this year. There are 84 (no change) counties with burn bans. The Keetch-Byram Drought Index list 37 (no change) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
01/10/18	01/24/18	Community Emergency Response Team (CERT) Course	G-317	San Marcos
01/11/18	03/29/18	Community Emergency Response Team (CERT) Course	G-317	Yorktown

# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
01/01/18	01/28/18	United States Coast Guard Sector Houston-Galveston/Houston	CPOD 2018 Central Point Dispensing Tabletop Exercise
01/22/18	01/25/18	TXDPS-PSCS/Lubbock	Functional: Tornado Commex Exercise